

June 16, 2016

**TO: ALL POTENTIALLY INTERESTED PARTIES:**

**RE:** City of Waco (SWIFT Project No. 51035) – Water Conservation Project

The attached document is being provided for your information. This is not a permit application. No action is being requested from your agency and no response is required.

The attached document is an environmental determination issued by the Texas Water Development Board (TWDB) for a proposed project to be funded through the TWDB. Pursuant to the environmental assessment requirements of 31 Texas Administrative Code (TAC) Chapter 363, Subchapter A, the Executive Administrator of the TWDB has determined that the proposed action described in the attached documents may be exempted from formal environmental review requirements. A review by TWDB staff included a consideration of potential environmental impacts and permitting requirements. If there were any concerns about particular regulations or permits, the appropriate regulatory agency would have been contacted for clarification, and this would be described in the attached environmental determination.

Comments regarding this determination may be submitted to the Director of Regional Water Planning and Development, TWDB, P.O. Box 13231, Austin, Texas 78711-3231.

June 16, 2016

**DETERMINATION OF NO EFFECT**

**TO ALL INTERESTED AGENCIES AND PUBLIC GROUPS:**

Pursuant to the environmental assessment requirements of 31 Texas Administrative Code (TAC) Section 363.14 of the Texas Water Development Board (TWDB) rules, the Executive Administrator of the TWDB has determined that the proposed action identified below may be exempted from formal environmental review requirements:

City of Waco, McLennan County, Texas  
Water Conservation Project  
SWIFT Project No. 51035  
Total Estimated TWDB Commitment: \$12,000,000

The City of Waco (City) is proposing to use funding from a \$12,000,000 State Water Implementation Fund for Texas (SWIFT) loan for the construction phase required to implement Advanced Metering Infrastructure (AMI) for all retail level customers and its wholesale connections. This fixed-based reading system will allow for a reduction in the City's apparent water loss by reducing data handling errors and minimizing the under-reporting of actual water consumption by older meters. It will also enhance water conservation by the City's customers by allowing them real-time access to reported water consumption via a web-based portal, and will enable the City to be more proactive in notifying customers of water leaks. It will also allow the City to implement an acoustic leak detection system which will allow for the deployment of automatic leak detectors throughout the City's distribution system.

Specifically, the City is proposing to use funding from an State Water Implementation Fund for Texas (SWIFT) loan to: (1) implement a fixed-based AMI system; (2) replace older, inaccurate water meters as necessary; (3) retrofit remaining water meters; (4) right type/size large water meters; (5) install automatic leak detection system; (6) install a meter data management system; and (7) conduct distribution system leak monitoring to further reduce water loss percentages. In addition, the project will require adequate fittings and all necessary appurtenances.

Environmental impacts should be similar to rehabilitation activities and limited to those associated with meter replacement. Board staff has reviewed the Texas Historical Commission's Archeological Sites Atlas and determined that the project is not likely to affect any significant or potentially significant cultural resources. The project is limited to the locations of existing meters and will therefore not adversely impact wetlands or waters of the U.S. that are under the

jurisdiction of the U.S. Army Corps of Engineers. In addition, construction within previously disturbed sites is not expected to impact threatened or endangered species or habitat.

This decision is allowed because the specified project elements should not entail significant adverse impacts to the quality of the human environment. Documentation supporting this determination is on file at the TWDB.

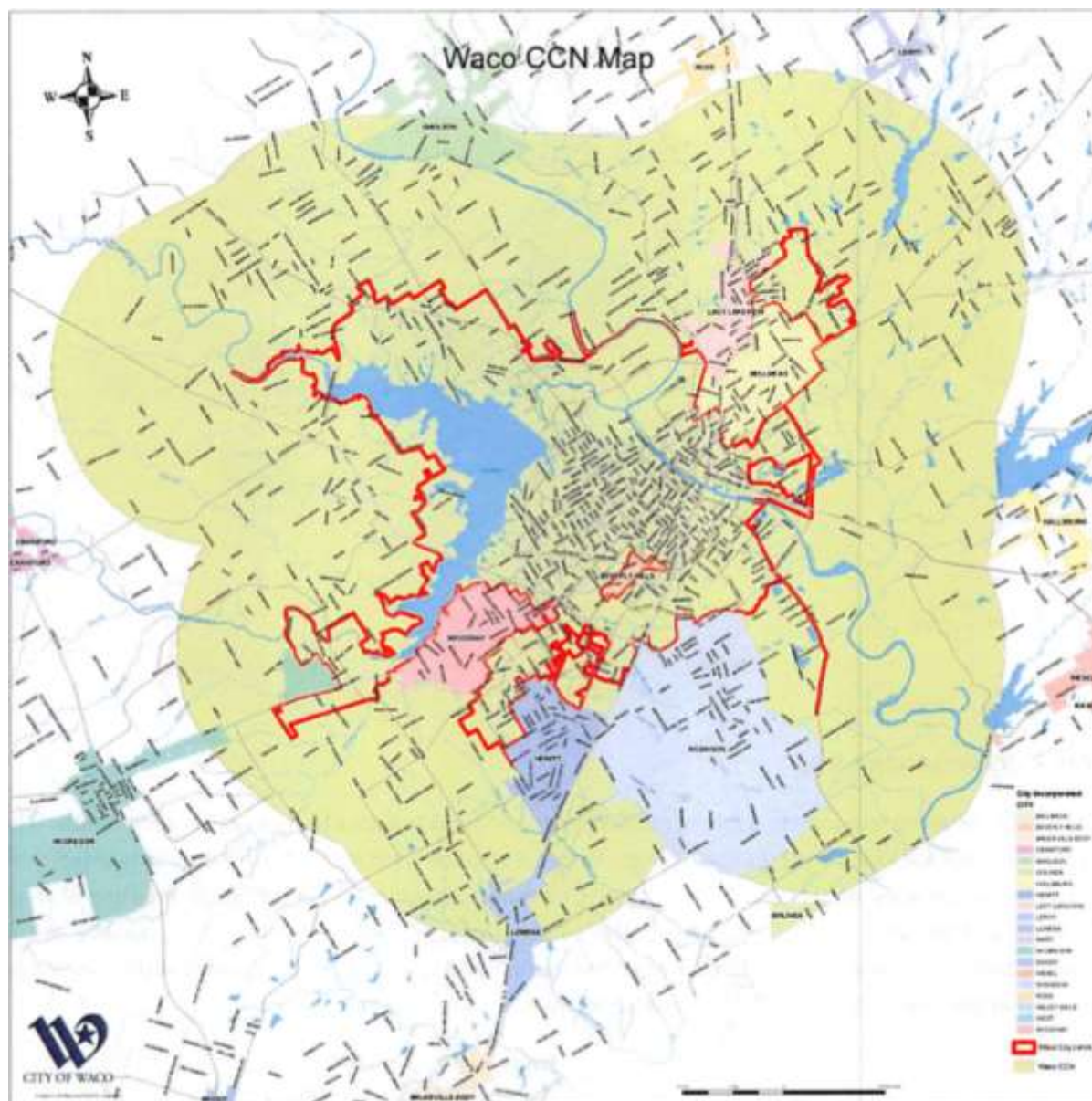
This determination may be rescinded if it is found that:

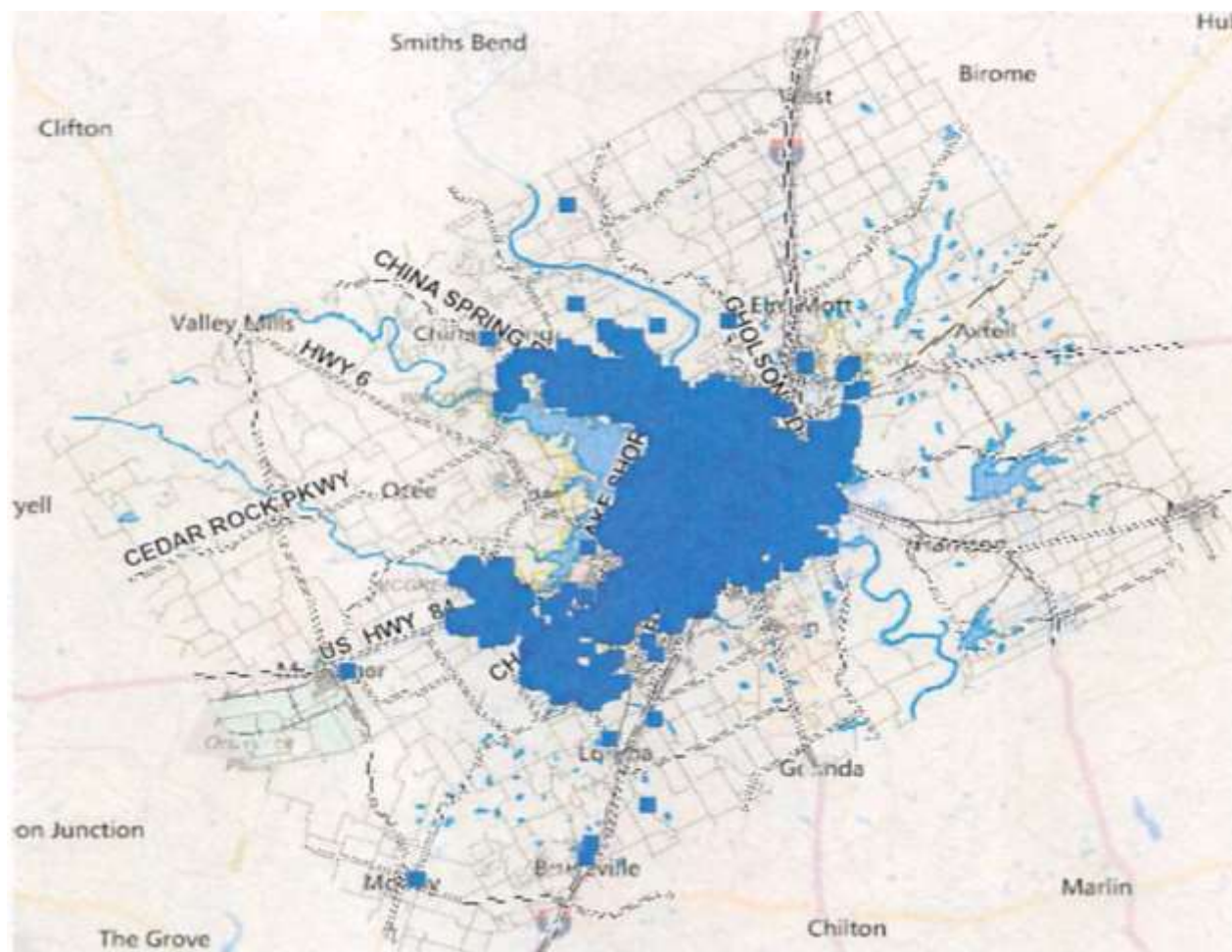
- (1) because of changes in the project the proposed actions no longer correspond to the description provided above;
- (2) the project may have significant adverse environmental effects; or
- (3) Federal, State, or local laws are being or may be violated by implementation of this project.

The project also must comply with the following standard emergency conditions:

- Standard emergency conditions for the discovery of cultural resources; and,
- Standard emergency conditions for the discovery of threatened and endangered species.

Comments regarding this determination may be submitted to the Director, Regional Water Planning & Development, Texas Water Development Board, P.O. Box 13231, Austin, Texas 78711-3231.





# Part D56 - AMI Data Collector Locations

